

**Table 44. Refiner Motor Gasoline Volumes by Formulation, Sales Type, PAD District, and State**  
(Thousand Gallons per Day)

Geographic Area Month	Conventional						Oxygenated					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total
<b>United States</b>												
August 1999 .....	36,669.8	38,558.5	23,288.1	160,665.9	22,014.1	205,968.1	1,884.2	1,888.1	2,545.5	3,651.1	-	6,196.6
July 1999 .....	40,758.1	42,617.2	24,016.2	164,001.7	23,621.8	211,639.8	1,975.1	1,984.6	2,642.7	3,780.8	-	6,423.5
August 1998 .....	39,455.1	41,097.1	22,394.4	156,443.8	31,006.3	209,844.5	1,866.5	1,882.9	W	3,568.7	W	5,632.8
<b>PAD District I</b>												
August 1999 .....	12,658.5	13,636.8	8,935.9	48,176.2	NA	61,085.5	-	-	-	-	-	-
July 1999 .....	12,946.4	13,902.6	9,282.6	48,419.5	NA	62,341.0	-	-	-	-	-	-
August 1998 .....	12,352.4	12,870.1	8,680.3	47,866.7	4,043.6	60,590.6	-	-	-	-	-	-
<b>Subdistrict IA</b>												
August 1999 .....	-	1.9	W	W	-	1,402.7	-	-	-	-	-	-
July 1999 .....	-	1.6	W	W	-	1,406.8	-	-	-	-	-	-
August 1998 .....	-	-	W	1,032.1	W	1,385.0	-	-	-	-	-	-
<b>Connecticut</b>												
August 1999 .....	-	-	-	-	-	-	-	-	-	-	-	-
July 1999 .....	-	-	-	-	-	-	-	-	-	-	-	-
August 1998 .....	-	-	-	-	-	-	-	-	-	-	-	-
<b>Maine</b>												
August 1999 .....	-	-	W	W	-	1,012.0	-	-	-	-	-	-
July 1999 .....	-	-	W	W	-	998.8	-	-	-	-	-	-
August 1998 .....	-	-	-	W	W	1,065.3	-	-	-	-	-	-
<b>Massachusetts</b>												
August 1999 .....	-	-	-	-	-	-	-	-	-	-	-	-
July 1999 .....	-	-	-	-	-	-	-	-	-	-	-	-
August 1998 .....	-	-	-	-	-	-	-	-	-	-	-	-
<b>New Hampshire</b>												
August 1999 .....	-	-	W	W	-	87.8	-	-	-	-	-	-
July 1999 .....	-	-	W	W	-	87.5	-	-	-	-	-	-
August 1998 .....	-	-	W	W	-	42.8	-	-	-	-	-	-
<b>Rhode Island</b>												
August 1999 .....	-	-	-	-	-	-	-	-	-	-	-	-
July 1999 .....	-	-	-	-	-	-	-	-	-	-	-	-
August 1998 .....	-	-	-	-	-	-	-	-	-	-	-	-
<b>Vermont</b>												
August 1999 .....	-	W	W	W	-	NA	-	-	-	-	-	-
July 1999 .....	-	W	W	W	-	NA	-	-	-	-	-	-
August 1998 .....	-	-	W	W	-	276.9	-	-	-	-	-	-
<b>Subdistrict IB</b>												
August 1999 .....	3,216.7	3,355.4	W	W	NA	16,066.5	-	-	-	-	-	-
July 1999 .....	3,304.0	3,442.5	W	W	NA	17,419.1	-	-	-	-	-	-
August 1998 .....	2,921.3	2,968.3	W	10,742.4	W	16,781.9	-	-	-	-	-	-
<b>Delaware</b>												
August 1999 .....	-	-	-	-	-	-	-	-	-	-	-	-
July 1999 .....	-	-	-	-	-	-	-	-	-	-	-	-
August 1998 .....	-	-	-	-	-	-	-	-	-	-	-	-
<b>District of Columbia</b>												
August 1999 .....	-	-	-	-	-	-	-	-	-	-	-	-
July 1999 .....	-	-	-	-	-	-	-	-	-	-	-	-
August 1998 .....	-	-	-	-	-	-	-	-	-	-	-	-
<b>Maryland</b>												
August 1999 .....	-	W	W	W	-	630.8	-	-	-	-	-	-
July 1999 .....	-	W	W	W	-	598.4	-	-	-	-	-	-
August 1998 .....	-	W	W	W	-	691.0	-	-	-	-	-	-
<b>New Jersey</b>												
August 1999 .....	-	-	-	-	NA	NA	-	-	-	-	-	-
July 1999 .....	-	-	-	-	NA	NA	-	-	-	-	-	-
August 1998 .....	-	-	-	-	1,950.8	1,950.8	-	-	-	-	-	-
<b>New York</b>												
August 1999 .....	1,448.6	W	W	3,687.9	W	5,044.2	-	-	-	-	-	-
July 1999 .....	1,486.7	W	W	3,825.5	W	5,195.1	-	-	-	-	-	-
August 1998 .....	W	W	W	4,102.4	W	5,689.9	-	-	-	-	-	-
<b>Pennsylvania</b>												
August 1999 .....	1,768.1	1,786.4	W	5,911.9	W	8,666.4	-	-	-	-	-	-
July 1999 .....	1,817.3	1,835.5	1,403.0	W	W	9,344.6	-	-	-	-	-	-
August 1998 .....	W	1,530.5	1,368.2	W	W	8,450.2	-	-	-	-	-	-

See footnotes at end of table.

**Table 44. Refiner Motor Gasoline Volumes by Formulation, Sales Type, PAD District, and State**

(Thousand Gallons per Day) — Continued

Geographic Area Month	Reformulated						All Formulations					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total
<b>United States</b>												
August 1999 .....	22,665.0	23,088.9	50,111.9	36,004.9	9,401.4	95,518.3	61,219.0	63,535.5	75,945.5	200,321.9	31,415.5	307,683.0
July 1999 .....	22,997.3	23,435.3	51,161.9	36,453.7	11,847.8	99,463.5	65,730.5	68,037.1	77,820.9	204,236.3	35,469.6	317,526.8
August 1998 .....	23,524.7	23,871.6	W	34,220.2	W	92,896.5	64,846.2	66,851.6	73,771.1	194,232.8	40,370.0	308,373.8
<b>PAD District I</b>												
August 1999 .....	4,383.8	4,577.7	20,562.4	14,937.1	3,842.4	39,341.8	17,042.3	18,214.5	29,498.3	63,113.3	NA	100,427.3
July 1999 .....	4,435.2	4,627.5	21,255.0	15,446.5	6,038.9	42,740.3	17,381.5	18,530.1	30,537.5	63,865.9	NA	105,081.3
August 1998 .....	4,704.3	4,864.0	20,526.5	16,736.1	4,747.8	42,010.4	17,056.7	17,734.1	29,206.8	64,602.8	8,791.4	102,601.0
<b>Subdistrict IA</b>												
August 1999 .....	NA	NA	4,300.8	W	W	9,830.7	NA	NA	W	6,127.4	W	11,233.4
July 1999 .....	NA	NA	W	W	NA	10,524.1	NA	NA	4,508.6	6,188.2	NA	11,930.9
August 1998 .....	832.2	839.9	W	5,538.4	W	11,391.1	832.2	839.9	4,538.1	6,570.5	1,667.5	12,776.1
<b>Connecticut</b>												
August 1999 .....	W	W	NA	1,707.1	NA	3,095.8	W	W	NA	1,707.1	NA	3,095.8
July 1999 .....	W	W	NA	1,764.8	266.7	3,347.6	W	W	NA	1,764.8	266.7	3,347.6
August 1998 .....	W	W	1,353.1	W	W	3,446.6	W	W	1,353.1	W	W	3,446.6
<b>Maine</b>												
August 1999 .....	-	-	NA	NA	-	NA	-	-	W	W	-	1,271.1
July 1999 .....	-	-	NA	NA	-	NA	-	-	W	W	-	1,265.6
August 1998 .....	-	-	W	W	W	1,229.8	-	-	W	1,473.4	W	2,295.1
<b>Massachusetts</b>												
August 1999 .....	NA	NA	2,311.5	2,007.4	NA	4,867.7	NA	NA	2,311.5	2,007.4	NA	4,867.7
July 1999 .....	NA	NA	2,362.8	2,004.0	NA	NA	NA	NA	2,362.8	2,004.0	NA	NA
August 1998 .....	479.6	481.9	2,366.1	2,191.4	517.2	5,074.7	479.6	481.9	2,366.1	2,191.4	517.2	5,074.7
<b>New Hampshire</b>												
August 1999 .....	NA	NA	W	W	-	353.9	NA	NA	W	W	-	441.7
July 1999 .....	NA	NA	W	W	-	365.5	NA	NA	W	W	-	453.0
August 1998 .....	108.1	108.1	W	W	-	342.6	108.1	108.1	262.7	122.7	-	385.5
<b>Rhode Island</b>												
August 1999 .....	W	W	W	773.5	W	1,254.1	W	88.3	W	773.5	W	1,254.1
July 1999 .....	W	W	438.2	771.7	NA	1,301.8	W	69.5	438.2	771.7	NA	1,301.8
August 1998 .....	W	W	426.7	870.6	-	1,297.3	W	W	426.7	870.6	-	1,297.3
<b>Vermont</b>												
August 1999 .....	-	-	-	-	-	-	-	W	W	W	-	NA
July 1999 .....	-	-	-	-	-	-	-	W	W	W	-	NA
August 1998 .....	-	-	-	-	-	-	-	-	W	W	-	276.9
<b>Subdistrict IB</b>												
August 1999 .....	2,696.2	2,819.5	14,050.4	W	W	24,923.8	5,912.9	6,174.8	W	17,970.9	W	40,990.3
July 1999 .....	2,736.4	2,864.4	W	W	4,804.7	27,505.1	6,040.4	6,306.9	17,346.8	18,683.7	8,893.7	44,924.2
August 1998 .....	2,945.6	3,050.3	W	8,482.4	W	25,799.3	5,866.9	6,018.5	16,727.7	19,224.7	6,628.7	42,581.2
<b>Delaware</b>												
August 1999 .....	38.6	46.3	W	W	-	819.1	38.6	46.3	W	W	-	819.1
July 1999 .....	35.7	42.5	347.0	508.1	-	855.1	35.7	42.5	347.0	508.1	-	855.1
August 1998 .....	W	54.9	W	W	-	892.2	W	54.9	W	W	-	892.2
<b>District of Columbia</b>												
August 1999 .....	-	7.9	313.1	-	-	313.1	-	7.9	313.1	-	-	313.1
July 1999 .....	-	8.5	344.8	-	-	344.8	-	8.5	344.8	-	-	344.8
August 1998 .....	-	9.2	W	W	-	NA	-	9.2	W	W	-	NA
<b>Maryland</b>												
August 1999 .....	-	W	W	W	W	4,519.2	-	70.2	2,921.2	W	W	5,150.0
July 1999 .....	-	W	W	W	88.5	4,735.2	-	67.4	3,011.0	2,234.0	88.5	5,333.5
August 1998 .....	W	W	2,861.9	W	W	4,541.1	W	45.3	W	2,316.5	W	5,232.1
<b>New Jersey</b>												
August 1999 .....	1,261.1	1,295.5	4,722.4	3,408.9	2,470.8	10,602.1	1,261.1	1,295.5	4,722.4	3,408.9	4,195.8	12,327.1
July 1999 .....	1,284.9	1,321.6	4,938.5	3,500.7	4,161.6	12,600.9	1,284.9	1,321.6	4,938.5	3,500.7	6,442.6	14,881.9
August 1998 .....	1,505.5	1,532.7	4,715.6	3,767.1	3,117.4	11,600.1	1,505.5	1,532.7	4,715.6	3,767.1	5,068.2	13,550.9
<b>New York</b>												
August 1999 .....	661.7	W	W	1,436.2	W	6,172.2	2,110.3	2,233.8	5,459.7	5,124.1	632.6	11,216.4
July 1999 .....	658.4	W	W	1,603.5	W	6,344.7	2,145.1	2,273.9	5,585.9	5,429.0	525.0	11,539.8
August 1998 .....	W	W	W	1,561.5	W	5,877.2	2,146.8	2,184.7	5,503.3	5,663.8	400.0	11,567.1
<b>Pennsylvania</b>												
August 1999 .....	734.9	734.9	W	824.4	W	2,498.2	2,503.0	2,521.3	2,855.1	6,736.2	NA	11,164.5
July 1999 .....	757.4	757.4	1,716.6	W	W	2,624.5	2,574.7	2,592.9	3,119.5	7,011.9	NA	11,969.1
August 1998 .....	W	661.2	W	W	W	2,560.0	2,168.5	2,191.7	W	6,897.8	W	11,010.2

See footnotes at end of table.

**Table 44. Refiner Motor Gasoline Volumes by Formulation, Sales Type, PAD District, and State**  
(Thousand Gallons per Day) — Continued

Geographic Area Month	Conventional						Oxygenated					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total
<b>Subdistrict IC</b>												
August 1999	9,441.8	10,279.5	6,310.1	36,638.8	667.3	43,616.3	-	-	-	-	-	-
July 1999	9,642.3	10,458.5	6,414.0	36,551.2	NA	43,515.2	-	-	-	-	-	-
August 1998	9,431.1	9,901.8	5,836.4	36,092.2	NA	42,423.7	-	-	-	-	-	-
<b>Florida</b>												
August 1999	4,864.1	5,054.1	W	9,369.3	W	14,147.8	-	-	-	-	-	-
July 1999	4,900.8	5,084.5	4,655.7	9,491.6	NA	14,411.4	-	-	-	-	-	-
August 1998	4,752.3	4,911.4	W	9,128.8	W	13,819.5	-	-	-	-	-	-
<b>Georgia</b>												
August 1999	1,913.6	2,051.4	1,265.5	8,245.7	181.6	9,692.8	-	-	-	-	-	-
July 1999	2,022.2	2,140.2	W	8,129.8	W	9,536.8	-	-	-	-	-	-
August 1998	2,117.0	2,231.5	992.6	8,025.9	-	9,018.5	-	-	-	-	-	-
<b>North Carolina</b>												
August 1999	952.7	1,284.2	NA	W	W	10,621.8	-	-	-	-	-	-
July 1999	958.9	1,294.1	NA	10,129.2	NA	10,184.8	-	-	-	-	-	-
August 1998	860.6	976.1	W	W	-	9,986.8	-	-	-	-	-	-
<b>South Carolina</b>												
August 1999	935.2	1,090.8	W	4,330.0	W	4,634.0	-	-	-	-	-	-
July 1999	981.5	1,139.8	W	W	-	4,661.7	-	-	-	-	-	-
August 1998	899.8	959.8	W	4,576.6	W	4,768.9	-	-	-	-	-	-
<b>Virginia</b>												
August 1999	180.5	191.4	W	W	109.3	4,054.8	-	-	-	-	-	-
July 1999	186.7	197.8	W	W	W	4,224.5	-	-	-	-	-	-
August 1998	190.9	200.2	W	W	NA	4,290.7	-	-	-	-	-	-
<b>West Virginia</b>												
August 1999	595.5	607.7	W	W	-	464.9	-	-	-	-	-	-
July 1999	592.2	602.0	W	W	-	496.0	-	-	-	-	-	-
August 1998	610.4	622.7	W	W	-	539.3	-	-	-	-	-	-
<b>PAD District II</b>												
August 1999	13,321.6	13,831.8	W	62,588.9	W	75,666.7	W	W	W	W	-	3,688.6
July 1999	14,215.8	14,737.5	W	64,536.4	W	76,461.5	W	W	W	W	-	3,798.5
August 1998	15,666.8	16,195.9	W	59,654.1	W	72,707.4	W	W	W	W	-	3,574.4
<b>Illinois</b>												
August 1999	377.9	380.7	W	4,504.7	W	6,195.5	-	-	-	-	-	-
July 1999	455.6	458.1	W	4,652.9	W	5,109.0	-	-	-	-	-	-
August 1998	565.8	577.3	NA	W	W	6,761.8	-	-	-	-	-	-
<b>Indiana</b>												
August 1999	1,303.8	1,317.4	W	W	207.7	5,823.2	-	-	-	-	-	-
July 1999	1,358.1	1,372.4	W	W	207.5	5,792.0	-	-	-	-	-	-
August 1998	1,482.3	1,499.3	544.7	4,728.1	388.2	5,661.0	-	-	-	-	-	-
<b>Iowa</b>												
August 1999	127.8	136.3	W	W	-	3,878.8	-	-	-	-	-	-
July 1999	130.9	138.0	W	W	-	4,261.9	-	-	-	-	-	-
August 1998	154.3	157.1	NA	3,565.0	-	3,670.0	-	-	-	-	-	-
<b>Kansas</b>												
August 1999	524.2	539.2	W	3,069.0	W	3,871.9	-	-	-	-	-	-
July 1999	505.3	519.9	W	3,157.3	W	3,990.2	-	-	-	-	-	-
August 1998	577.6	592.7	W	2,779.1	W	3,651.1	-	-	-	-	-	-
<b>Kentucky</b>												
August 1999	W	W	W	W	-	3,495.9	-	-	-	-	-	-
July 1999	W	488.6	W	W	-	3,688.3	-	-	-	-	-	-
August 1998	515.0	544.9	W	W	W	3,315.2	-	-	-	-	-	-
<b>Michigan</b>												
August 1999	2,192.1	2,295.4	W	8,854.3	W	11,942.5	-	-	-	-	-	-
July 1999	2,334.3	2,431.1	W	8,855.2	W	12,064.1	-	-	-	-	-	-
August 1998	3,230.5	3,368.8	2,438.5	7,257.9	-	9,696.4	-	-	-	-	-	-
<b>Minnesota</b>												
August 1999	W	W	W	W	W	W	W	W	W	W	-	W
July 1999	W	W	W	W	W	W	W	W	W	W	-	W
August 1998	W	W	0.3	1,487.0	W	W	W	W	W	2,934.8	-	W
<b>Missouri</b>												
August 1999	553.3	574.1	W	W	W	4,460.9	-	-	-	-	-	-
July 1999	775.0	796.0	W	W	W	4,712.6	-	-	-	-	-	-
August 1998	890.5	906.4	522.3	4,904.6	-	5,426.9	-	-	-	-	-	-

See footnotes at end of table.

**Table 44. Refiner Motor Gasoline Volumes by Formulation, Sales Type, PAD District, and State**

(Thousand Gallons per Day) — Continued

Geographic Area Month	Reformulated						All Formulations					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total
<b>Subdistrict IC</b>												
August 1999 .....	NA	NA	2,211.2	2,376.1	—	4,587.3	10,351.6	11,251.9	8,521.3	39,015.0	667.3	48,203.6
July 1999 .....	NA	NA	2,268.2	2,442.8	—	4,711.0	10,572.5	11,445.5	8,682.2	38,994.1	NA	48,226.2
August 1998 .....	926.6	973.8	2,104.6	2,715.3	—	4,820.0	10,357.6	10,875.6	7,941.0	38,807.5	NA	47,243.7
<b>Florida</b>												
August 1999 .....	—	—	—	—	—	—	4,864.1	5,054.1	W	9,369.3	W	14,147.8
July 1999 .....	—	—	—	—	—	—	4,900.8	5,084.5	4,655.7	9,491.6	NA	14,411.4
August 1998 .....	—	—	—	—	—	—	4,752.3	4,911.4	W	9,128.8	W	13,819.5
<b>Georgia</b>												
August 1999 .....	—	—	—	—	—	—	1,913.6	2,051.4	1,265.5	8,245.7	181.6	9,692.8
July 1999 .....	—	—	—	—	—	—	2,022.2	2,140.2	W	8,129.8	W	9,536.8
August 1998 .....	—	—	—	—	—	—	2,117.0	2,231.5	992.6	8,025.9	—	9,018.5
<b>North Carolina</b>												
August 1999 .....	—	—	—	—	—	—	952.7	1,284.2	NA	W	W	10,621.8
July 1999 .....	—	—	—	—	—	—	958.9	1,294.1	NA	10,129.2	NA	10,184.8
August 1998 .....	—	—	—	—	—	—	860.6	976.1	W	W	—	9,986.8
<b>South Carolina</b>												
August 1999 .....	—	—	—	—	—	—	935.2	1,090.8	W	4,330.0	W	4,634.0
July 1999 .....	—	—	—	—	—	—	981.5	1,139.8	W	W	—	4,661.7
August 1998 .....	—	—	—	—	—	—	899.8	959.8	W	4,576.6	W	4,768.9
<b>Virginia</b>												
August 1999 .....	NA	NA	W	W	—	4,587.3	NA	NA	2,424.6	6,108.3	109.3	8,642.2
July 1999 .....	NA	NA	W	W	—	4,711.0	NA	NA	W	6,366.2	W	8,935.5
August 1998 .....	926.6	973.8	W	W	—	4,820.0	1,117.5	1,174.1	2,159.9	6,651.8	NA	9,110.7
<b>West Virginia</b>												
August 1999 .....	—	—	—	—	—	—	595.5	607.7	W	W	—	464.9
July 1999 .....	—	—	—	—	—	—	592.2	602.0	W	W	—	496.0
August 1998 .....	—	—	—	—	—	—	610.4	622.7	W	W	—	539.3
<b>PAD District II</b>												
August 1999 .....	W	W	W	W	W	11,698.2	17,291.5	17,872.8	13,054.3	72,766.3	5,232.9	91,053.5
July 1999 .....	W	W	W	W	W	11,687.4	18,390.5	18,997.2	13,557.8	74,623.5	3,766.1	91,947.4
August 1998 .....	W	W	3,643.2	W	W	8,448.4	20,712.4	21,294.4	11,279.4	67,426.0	6,024.7	84,730.1
<b>Illinois</b>												
August 1999 .....	1,646.5	1,664.1	W	3,036.3	W	6,013.3	2,024.3	2,044.8	3,092.7	7,541.0	1,575.1	12,208.8
July 1999 .....	1,781.5	1,800.8	W	2,904.4	W	5,990.8	2,237.0	2,258.9	3,249.0	7,557.3	293.5	11,099.8
August 1998 .....	2,715.6	2,724.2	2,709.7	W	W	4,584.2	3,281.4	3,301.5	2,776.2	6,725.7	1,844.1	11,345.9
<b>Indiana</b>												
August 1999 .....	251.8	252.5	W	W	—	1,257.5	1,555.5	1,569.8	1,026.6	5,846.5	207.7	7,080.8
July 1999 .....	258.1	259.4	W	W	—	1,277.0	1,616.2	1,631.8	1,062.9	5,798.7	207.5	7,069.0
August 1998 .....	320.4	327.3	427.5	734.6	—	1,162.1	1,802.7	1,826.5	972.2	5,462.6	388.2	6,823.1
<b>Iowa</b>												
August 1999 .....	—	—	—	—	—	—	127.8	136.3	W	W	—	3,878.8
July 1999 .....	—	—	—	—	—	—	130.9	138.0	W	W	—	4,261.9
August 1998 .....	—	—	—	—	—	—	154.3	157.1	NA	3,565.0	—	3,670.0
<b>Kansas</b>												
August 1999 .....	—	—	—	—	—	—	524.2	539.2	W	3,069.0	W	3,871.9
July 1999 .....	—	—	—	—	—	—	505.3	519.9	W	3,157.3	W	3,990.2
August 1998 .....	—	—	—	—	—	—	577.6	592.7	W	2,779.1	W	3,651.1
<b>Kentucky</b>												
August 1999 .....	W	W	W	W	—	1,348.5	747.5	819.0	216.3	4,628.1	—	4,844.4
July 1999 .....	W	328.4	W	W	—	1,352.7	739.8	817.0	233.3	4,807.7	—	5,041.0
August 1998 .....	324.4	346.2	W	W	—	1,146.1	839.4	891.1	W	4,179.2	W	4,461.3
<b>Michigan</b>												
August 1999 .....	—	—	—	—	—	—	2,192.1	2,295.4	W	8,854.3	W	11,942.5
July 1999 .....	—	—	—	—	—	—	2,334.3	2,431.1	W	8,855.2	W	12,064.1
August 1998 .....	—	—	—	—	—	—	3,230.5	3,368.8	2,438.5	7,257.9	—	9,696.4
<b>Minnesota</b>												
August 1999 .....	—	—	—	—	—	—	1,238.0	1,241.9	W	4,616.5	W	5,441.2
July 1999 .....	—	—	—	—	—	—	1,272.1	1,281.6	W	4,907.6	W	5,699.4
August 1998 .....	—	—	—	—	—	—	1,158.7	1,172.6	W	4,421.8	W	5,280.6
<b>Missouri</b>												
August 1999 .....	188.0	196.5	W	W	—	1,431.6	741.3	770.5	W	5,092.9	W	5,892.5
July 1999 .....	188.6	198.9	W	W	—	1,402.9	963.6	995.0	W	5,277.4	W	6,115.5
August 1998 .....	—	—	—	—	—	—	890.5	906.4	522.3	4,904.6	—	5,426.9

See footnotes at end of table.

**Table 44. Refiner Motor Gasoline Volumes by Formulation, Sales Type, PAD District, and State**

(Thousand Gallons per Day) — Continued

Geographic Area Month	Conventional						Oxygenated					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total
<b>Nebraska</b>												
August 1999	54.3	61.5	W	W	—	2,222.6	—	—	—	—	—	—
July 1999	54.1	61.4	W	W	—	2,258.0	—	—	—	—	—	—
August 1998	62.4	63.9	NA	1,844.6	—	1,978.3	—	—	—	—	—	—
<b>North Dakota</b>												
August 1999	W	6.6	W	W	—	1,207.2	—	—	—	—	—	—
July 1999	W	4.9	W	W	—	1,227.6	—	—	—	—	—	—
August 1998	W	3.6	NA	942.5	—	1,008.9	—	—	—	—	—	—
<b>Ohio</b>												
August 1999	4,899.9	5,086.5	2,607.3	6,487.3	NA	9,206.6	—	—	—	—	—	—
July 1999	4,954.5	5,138.6	W	6,649.9	W	9,441.5	—	—	—	—	—	—
August 1998	5,370.7	5,586.3	W	6,526.9	W	9,596.3	—	—	—	—	—	—
<b>Oklahoma</b>												
August 1999	799.2	849.9	W	4,148.7	W	6,348.7	—	—	—	—	—	—
July 1999	1,129.7	1,191.5	W	3,997.6	W	6,276.3	—	—	—	—	—	—
August 1998	924.6	959.2	W	3,253.9	W	5,510.0	—	—	—	—	—	—
<b>South Dakota</b>												
August 1999	W	10.2	34.3	1,212.4	—	1,246.7	—	—	—	—	—	—
July 1999	W	10.8	38.1	1,286.7	—	1,324.8	—	—	—	—	—	—
August 1998	W	15.2	42.8	1,162.3	—	1,205.1	—	—	—	—	—	—
<b>Tennessee</b>												
August 1999	1,801.6	1,855.5	W	8,408.3	W	9,165.0	—	—	—	—	—	—
July 1999	1,822.4	1,875.9	523.4	8,745.3	—	9,268.7	—	—	—	—	—	—
August 1998	1,614.6	1,653.3	253.0	8,492.5	—	8,745.5	—	—	—	—	—	—
<b>Wisconsin</b>												
August 1999	W	W	W	4,674.0	—	W	—	—	—	W	—	W
July 1999	W	W	W	4,965.0	—	W	—	—	—	W	—	W
August 1998	W	W	NA	4,644.5	W	W	—	—	—	W	—	W
<b>PAD District III</b>												
August 1999	W	W	W	W	11,158.3	45,112.3	—	—	—	—	—	—
July 1999	W	W	W	W	14,236.9	48,830.5	—	—	—	—	—	—
August 1998	W	W	W	W	W	W	—	—	W	—	—	W
<b>Alabama</b>												
August 1999	330.8	431.3	173.7	5,084.8	—	5,258.5	—	—	—	—	—	—
July 1999	378.3	NA	175.3	5,288.5	—	5,463.8	—	—	—	—	—	—
August 1998	395.2	439.7	142.6	5,154.8	—	5,297.4	—	—	—	—	—	—
<b>Arkansas</b>												
August 1999	NA	NA	—	3,485.3	355.0	3,840.2	—	—	—	—	—	—
July 1999	NA	NA	—	3,511.8	470.3	3,982.1	—	—	—	—	—	—
August 1998	229.7	231.9	W	3,517.3	W	3,797.9	—	—	—	—	—	—
<b>Louisiana</b>												
August 1999	1,134.0	1,150.5	400.6	4,542.5	1,628.5	6,571.7	—	—	—	—	—	—
July 1999	1,208.3	1,225.7	407.6	4,359.9	3,025.4	7,793.0	—	—	—	—	—	—
August 1998	1,127.0	W	456.2	4,308.6	2,087.6	6,852.4	—	—	—	—	—	—
<b>Mississippi</b>												
August 1999	170.7	227.3	W	W	1,173.5	4,602.5	—	—	—	—	—	—
July 1999	189.4	220.2	W	W	1,028.1	4,399.0	—	—	—	—	—	—
August 1998	146.0	166.8	8.0	W	W	4,408.4	—	—	—	—	—	—
<b>New Mexico</b>												
August 1999	568.5	569.5	W	W	—	1,953.7	—	—	—	—	—	—
July 1999	603.8	605.3	W	W	—	2,040.5	—	—	—	—	—	—
August 1998	600.3	605.0	W	W	—	W	—	—	W	—	—	W
<b>Texas</b>												
August 1999	W	W	W	W	8,001.3	22,885.6	—	—	—	—	—	—
July 1999	W	W	W	W	9,713.2	25,152.1	—	—	—	—	—	—
August 1998	W	3,285.5	166.4	W	W	29,502.9	—	—	—	—	—	—
<b>PAD District IV</b>												
August 1999	2,433.9	2,477.7	W	W	W	W	—	—	—	W	—	W
July 1999	3,611.2	3,652.4	W	W	W	W	—	—	—	W	—	W
August 1998	3,018.8	3,163.9	1,131.1	W	—	W	—	—	—	W	—	W
<b>Colorado</b>												
August 1999	1,757.7	1,762.2	W	2,709.5	W	3,183.5	—	—	—	493.5	—	493.5
July 1999	2,839.5	2,843.6	W	W	W	3,268.2	—	—	—	W	—	514.2
August 1998	2,124.3	2,129.5	NA	W	—	W	—	—	—	W	—	W

See footnotes at end of table.

**Table 44. Refiner Motor Gasoline Volumes by Formulation, Sales Type, PAD District, and State**  
(Thousand Gallons per Day) — Continued

Geographic Area Month	Reformulated						All Formulations					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total
<b>Nebraska</b>												
August 1999 .....	-	-	-	-	-	-	54.3	61.5	W	W	-	2,222.6
July 1999 .....	-	-	-	-	-	-	54.1	61.4	W	W	-	2,258.0
August 1998 .....	-	-	-	-	-	-	62.4	63.9	NA	1,844.6	-	1,978.3
<b>North Dakota</b>												
August 1999 .....	-	-	-	-	-	-	W	6.6	W	W	-	1,207.2
July 1999 .....	-	-	-	-	-	-	W	4.9	W	W	-	1,227.6
August 1998 .....	-	-	-	-	-	-	W	3.6	NA	942.5	-	1,008.9
<b>Ohio</b>												
August 1999 .....	-	-	-	-	-	-	4,899.9	5,086.5	2,607.3	6,487.3	NA	9,206.6
July 1999 .....	-	-	-	-	-	-	4,954.5	5,138.6	W	6,649.9	W	9,441.5
August 1998 .....	-	-	-	-	-	-	5,370.7	5,586.3	W	6,526.9	W	9,596.3
<b>Oklahoma</b>												
August 1999 .....	-	-	-	-	-	-	799.2	849.9	W	4,148.7	W	6,348.7
July 1999 .....	-	-	-	-	-	-	1,129.7	1,191.5	W	3,997.6	W	6,276.3
August 1998 .....	-	-	-	-	-	-	924.6	959.2	W	3,253.9	W	5,510.0
<b>South Dakota</b>												
August 1999 .....	-	-	-	-	-	-	W	10.2	34.3	1,212.4	-	1,246.7
July 1999 .....	-	-	-	-	-	-	W	10.8	38.1	1,286.7	-	1,324.8
August 1998 .....	-	-	-	-	-	-	W	15.2	42.8	1,162.3	-	1,205.1
<b>Tennessee</b>												
August 1999 .....	-	-	-	-	-	-	1,801.6	1,855.5	W	8,408.3	W	9,165.0
July 1999 .....	-	-	-	-	-	-	1,822.4	1,875.9	523.4	8,745.3	-	9,268.7
August 1998 .....	-	-	-	-	-	-	1,614.6	1,653.3	253.0	8,492.5	-	8,745.5
<b>Wisconsin</b>												
August 1999 .....	W	W	W	W	-	1,647.2	573.5	585.5	W	W	-	6,495.7
July 1999 .....	W	W	W	W	-	1,664.0	617.4	640.6	W	W	-	6,809.7
August 1998 .....	W	W	W	W	-	1,556.1	788.5	796.1	W	5,907.4	W	6,330.7
<b>PAD District III</b>												
August 1999 .....	W	W	W	W	1,635.2	9,920.4	9,659.4	9,882.7	2,382.5	39,856.8	12,793.5	55,032.7
July 1999 .....	W	W	W	W	1,897.9	10,104.6	10,790.5	11,001.0	2,346.9	40,453.4	16,134.8	58,935.0
August 1998 .....	W	W	2,032.0	W	W	8,722.8	10,097.5	10,430.4	2,983.8	37,980.0	19,525.6	60,489.5
<b>Alabama</b>												
August 1999 .....	-	-	-	-	-	-	330.8	431.3	173.7	5,084.8	-	5,258.5
July 1999 .....	-	-	-	-	-	-	378.3	NA	175.3	5,288.5	-	5,463.8
August 1998 .....	-	-	-	-	-	-	395.2	439.7	142.6	5,154.8	-	5,297.4
<b>Arkansas</b>												
August 1999 .....	-	-	-	-	-	-	NA	NA	-	3,485.3	355.0	3,840.2
July 1999 .....	-	-	-	-	-	-	NA	NA	-	3,511.8	470.3	3,982.1
August 1998 .....	-	-	-	-	-	-	229.7	231.9	W	3,517.3	W	3,797.9
<b>Louisiana</b>												
August 1999 .....	-	-	-	-	164.9	164.9	1,134.0	1,150.5	400.6	4,542.5	1,793.5	6,736.6
July 1999 .....	-	-	-	-	193.6	193.6	1,208.3	1,225.7	407.6	4,359.9	3,219.0	7,986.6
August 1998 .....	-	W	-	-	-	-	1,127.0	1,147.8	456.2	4,308.6	2,087.6	6,852.4
<b>Mississippi</b>												
August 1999 .....	-	-	-	-	-	-	170.7	227.3	W	W	1,173.5	4,602.5
July 1999 .....	-	-	-	-	-	-	189.4	220.2	W	W	1,028.1	4,399.0
August 1998 .....	-	-	-	-	-	-	146.0	166.8	8.0	W	W	4,408.4
<b>New Mexico</b>												
August 1999 .....	-	-	-	-	-	-	568.5	569.5	W	W	-	1,953.7
July 1999 .....	-	-	-	-	-	-	603.8	605.3	W	W	-	2,040.5
August 1998 .....	-	-	-	-	-	-	600.3	605.0	W	W	-	1,907.7
<b>Texas</b>												
August 1999 .....	W	W	W	W	NA	9,755.5	7,288.4	7,334.0	1,698.5	21,471.1	9,471.5	32,641.1
July 1999 .....	W	W	W	W	NA	9,911.0	8,208.2	8,306.5	1,659.0	21,986.7	11,417.4	35,063.1
August 1998 .....	W	4,553.6	2,032.0	W	W	8,722.8	7,599.3	7,839.1	2,198.5	19,756.3	16,270.9	38,225.7
<b>PAD District IV</b>												
August 1999 .....	-	-	-	-	-	-	2,433.9	2,477.7	W	8,996.9	W	10,193.5
July 1999 .....	-	-	-	-	-	-	3,611.2	3,652.4	W	9,398.8	W	10,676.5
August 1998 .....	-	-	-	-	-	-	3,018.8	3,163.9	1,131.1	8,337.2	-	9,468.3
<b>Colorado</b>												
August 1999 .....	-	-	-	-	-	-	1,757.7	1,762.2	W	3,203.0	W	3,677.0
July 1999 .....	-	-	-	-	-	-	2,839.5	2,843.6	W	3,284.6	W	3,782.4
August 1998 .....	-	-	-	-	-	-	2,124.3	2,129.5	NA	2,837.8	-	3,094.7

See footnotes at end of table.

**Table 44. Refiner Motor Gasoline Volumes by Formulation, Sales Type, PAD District, and State**

(Thousand Gallons per Day) — Continued

Geographic Area Month	Conventional						Oxygenated					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total
<b>Idaho</b>												
August 1999 .....	67.0	72.3	W	W	-	1,398.0	-	-	-	-	-	-
July 1999 .....	128.4	133.2	W	W	-	1,598.4	-	-	-	-	-	-
August 1998 .....	127.8	144.2	W	W	-	1,579.7	-	-	-	-	-	-
<b>Montana</b>												
August 1999 .....	W	21.2	W	W	-	W	-	-	-	W	-	W
July 1999 .....	W	21.7	-	W	-	W	-	-	-	W	-	W
August 1998 .....	W	22.6	-	1,596.8	-	1,596.8	-	-	-	-	-	-
<b>Utah</b>												
August 1999 .....	535.5	564.2	572.8	1,956.0	-	2,528.8	-	-	-	-	-	-
July 1999 .....	560.9	588.4	595.4	2,014.0	-	2,609.4	-	-	-	-	-	-
August 1998 .....	681.4	800.2	581.2	1,798.9	-	2,380.1	-	-	-	-	-	-
<b>Wyoming</b>												
August 1999 .....	W	57.7	W	W	-	823.1	-	-	-	-	-	-
July 1999 .....	W	65.6	W	W	-	914.0	-	-	-	-	-	-
August 1998 .....	W	67.5	W	W	-	817.0	-	-	-	-	-	-
<b>PAD District V</b>												
August 1999 .....	W	W	W	8,254.6	W	W	W	W	W	W	-	W
July 1999 .....	W	W	W	8,389.5	W	W	W	W	W	W	-	W
August 1998 .....	W	W	W	8,879.7	W	15,881.0	W	W	W	W	W	1,489.0
<b>Alaska</b>												
August 1999 .....	W	W	104.7	455.4	W	W	W	W	W	-	-	W
July 1999 .....	W	W	128.3	487.4	W	W	W	W	W	-	-	W
August 1998 .....	W	W	115.2	W	W	W	W	W	W	W	-	W
<b>Arizona</b>												
August 1999 .....	W	W	W	W	NA	1,482.4	-	-	-	-	-	-
July 1999 .....	W	W	W	W	NA	1,533.9	-	-	-	NA	-	NA
August 1998 .....	W	674.0	W	1,011.5	W	W	-	W	-	W	W	W
<b>California</b>												
August 1999 .....	-	-	-	W	W	1,129.5	-	-	-	-	-	-
July 1999 .....	-	-	-	W	W	NA	-	-	-	-	-	-
August 1998 .....	-	-	-	W	W	1,160.3	-	-	-	-	-	-
<b>Hawaii</b>												
August 1999 .....	387.0	491.6	W	65.3	W	548.8	-	-	-	-	-	-
July 1999 .....	414.3	519.3	W	68.5	W	614.2	-	-	-	-	-	-
August 1998 .....	226.9	323.6	580.9	86.8	-	667.7	-	-	-	-	-	-
<b>Nevada</b>												
August 1999 .....	198.6	202.6	1,062.8	784.6	NA	2,063.1	-	-	-	-	-	-
July 1999 .....	218.2	222.5	1,057.5	765.5	NA	2,027.3	-	-	-	NA	-	NA
August 1998 .....	196.4	206.3	W	960.1	W	2,296.1	-	-	-	-	-	-
<b>Oregon</b>												
August 1999 .....	W	W	W	2,278.7	238.8	W	W	W	W	-	-	W
July 1999 .....	W	W	W	2,287.4	245.5	W	W	W	W	-	-	W
August 1998 .....	W	W	W	W	420.2	W	W	W	W	W	-	W
<b>Washington</b>												
August 1999 .....	W	W	W	W	201.4	W	W	W	W	W	-	W
July 1999 .....	W	W	W	W	163.0	W	W	W	W	W	-	W
August 1998 .....	W	W	W	W	476.4	W	W	W	W	W	-	W

See footnotes at end of table.

**Table 44. Refiner Motor Gasoline Volumes by Formulation, Sales Type, PAD District, and State**

(Thousand Gallons per Day) — Continued

Geographic Area Month	Reformulated						All Formulations						
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale				
	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total	
<b>Idaho</b>													
August 1999 .....	-	-	-	-	-	-	67.0	72.3	W	W	-	1,398.0	
July 1999 .....	-	-	-	-	-	-	128.4	133.2	W	W	-	1,598.4	
August 1998 .....	-	-	-	-	-	-	127.8	144.2	W	W	-	1,579.7	
<b>Montana</b>													
August 1999 .....	-	-	-	-	-	-	W	21.2	W	W	-	1,766.6	
July 1999 .....	-	-	-	-	-	-	W	21.7	-	1,772.4	-	1,772.4	
August 1998 .....	-	-	-	-	-	-	W	22.6	-	1,596.8	-	1,596.8	
<b>Utah</b>													
August 1999 .....	-	-	-	-	-	-	535.5	564.2	572.8	1,956.0	-	2,528.8	
July 1999 .....	-	-	-	-	-	-	560.9	588.4	595.4	2,014.0	-	2,609.4	
August 1998 .....	-	-	-	-	-	-	681.4	800.2	581.2	1,798.9	-	2,380.1	
<b>Wyoming</b>													
August 1999 .....	-	-	-	-	-	-	W	57.7	W	W	-	823.1	
July 1999 .....	-	-	-	-	-	-	W	65.6	W	W	-	914.0	
August 1998 .....	-	-	-	-	-	-	W	67.5	W	W	-	817.0	
<b>PAD District V</b>													
August 1999 .....	W	W	W	W	W	34,557.8	14,791.9	15,087.7	W	15,588.6	W	50,976.0	
July 1999 .....	W	W	W	W	W	34,931.2	15,556.8	15,856.4	W	15,894.6	W	50,886.5	
August 1998 .....	W	W	W	W	W	3,632.8	33,715.0	13,960.8	14,228.8	29,169.9	15,886.8	6,028.3	51,085.0
<b>Alaska</b>													
August 1999 .....	-	-	-	-	-	-	310.8	317.8	W	455.4	W	598.4	
July 1999 .....	-	-	-	-	-	-	350.2	359.0	W	487.4	W	693.1	
August 1998 .....	-	-	-	-	-	-	303.5	310.7	W	445.2	W	593.0	
<b>Arizona</b>													
August 1999 .....	W	W	W	W	-	1,751.5	3,061.4	3,082.4	1,855.9	1,372.5	NA	3,233.9	
July 1999 .....	W	W	W	W	NA	1,685.0	3,138.8	3,157.7	1,799.8	1,413.5	NA	3,219.0	
August 1998 .....	W	W	W	W	-	1,498.7	2,688.2	2,699.0	1,594.1	1,279.5	243.0	3,116.6	
<b>California</b>													
August 1999 .....	8,769.4	8,917.5	22,178.2	W	W	32,806.3	8,769.4	8,917.5	22,178.2	6,971.5	4,786.1	33,935.9	
July 1999 .....	8,941.6	9,096.3	22,405.9	W	W	33,246.2	8,941.6	9,096.3	22,405.9	7,172.2	4,044.8	33,622.9	
August 1998 .....	8,369.1	8,503.6	21,893.6	W	W	32,216.3	8,369.1	8,503.6	21,893.6	6,784.7	4,698.3	33,376.6	
<b>Hawaii</b>													
August 1999 .....	-	-	-	-	-	-	387.0	491.6	W	65.3	W	548.8	
July 1999 .....	-	-	-	-	-	-	414.3	519.3	W	68.5	W	614.2	
August 1998 .....	-	-	-	-	-	-	226.9	323.6	580.9	86.8	-	667.7	
<b>Nevada</b>													
August 1999 .....	-	-	-	-	-	-	198.6	202.6	1,062.8	784.6	NA	2,063.1	
July 1999 .....	-	-	-	-	-	-	218.2	222.5	1,057.5	766.3	NA	2,028.0	
August 1998 .....	-	-	-	-	-	-	196.4	206.3	W	960.1	W	2,296.1	
<b>Oregon</b>													
August 1999 .....	-	-	-	-	-	-	586.4	592.0	1,195.4	2,278.7	238.8	3,712.8	
July 1999 .....	-	-	-	-	-	-	780.4	784.1	1,220.8	2,287.4	245.5	3,753.7	
August 1998 .....	-	-	-	-	-	-	573.7	578.1	1,117.2	2,455.3	420.2	3,992.6	
<b>Washington</b>													
August 1999 .....	-	-	-	-	-	-	1,478.4	1,483.8	3,021.2	3,660.6	201.4	6,883.2	
July 1999 .....	-	-	-	-	-	-	1,713.3	1,717.5	3,093.3	3,699.3	163.0	6,955.6	
August 1998 .....	-	-	-	-	-	-	1,603.1	1,607.6	2,690.8	3,875.2	476.4	7,042.4	

Dash (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

<sup>a</sup> Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Source: Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

Notes: Motor gasoline averages and totals prior to October 1993 include leaded gasoline.

Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data are final upon publication in the *Petroleum Marketing Annual*.